we make
your business
wireless

8dbi LoRa Antenne für Helium Hotspots(omnidirektional)

Dieser Omni-Strahler ist mit einem entsprechenden Adapterkabel geeignet für folgende Helium-Miner: Milesight, Bobcat, Nebra, Sensecap, Cal-Chip, Kerlink, RAKWireless, Syncrobit und andere Geräte, die mit dieser Frequenz arbeiten.
Für bestimmte Anwendungen, z. B. in städtischen Umgebungen oder wenn große Geländebereiche überwacht werden müssen, ist diese Außenantenne die perfekte Ergänzung zu Ihrem Helium-System. Es ist eine solide Lösung, die zusätzliche Leistung und Abdeckung für Helium-Outdoor-Basisstationen bietet. Die Antenne hat einen mittleren Gewinn von 8dBi, eine Länge von 86cm, einen Frequenzbereich von 868-880MHz und wird komplett mit Mast- und Wandmontagematerial geliefert.

electrical

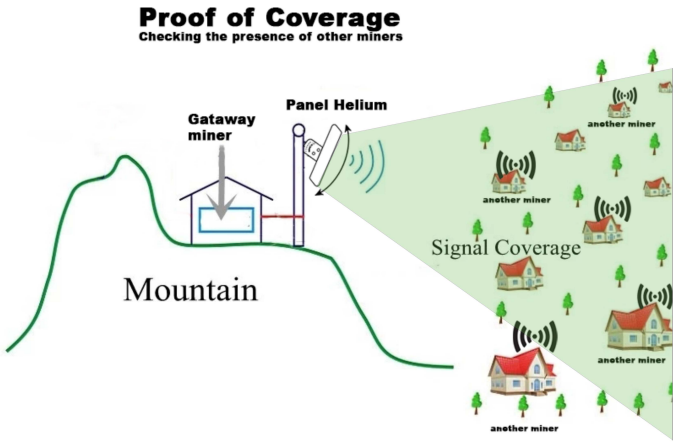
Frequency (min)	860MHz
Frequency (max)	880MHz
Gain	a. 8dBi
VSWR (max)	2.00:1
Polarization	Vertical
Half Power Beam Width (-3dB) - horizontal	a. 360°
Half Power Beam Width (-3dB) - vertical	a. 15°
XPD (Cross Polarization Discrimination)	>20dB
Max Composite Power	50W
DC Ground	yes
Impedance	50Ω

mechanical

Connector	N female
Mounting Diameter	ø 38...51mm
Dimensions (excl. mount)	800x26
Weight (incl. mount)	0.44kg

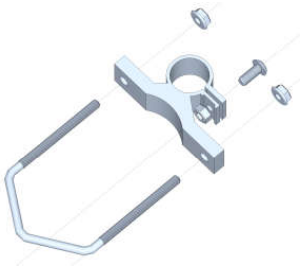
enviromental

Enviroment	Outdoor
Windload	160km/h
IP Rating	IP67
Temperature	-40°C ... 80°C

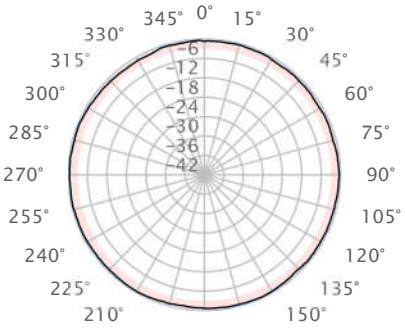


Instalation tips:
Designed for systems - IoT M2M (Machine to Machine) Lora, Sigfox, XBee, RFID. Z-WAVEHORIZON 870MHz is a carefully designed and built omni-directional antenna operating in the unlicensed 867-870MHz band.Typical applications are monitoring and transmission of small amounts of data.Compared to the previous model of this antenna, the design of the radiator has changed.Silver-plated radiating elements were used (increasing the efficiency of the antenna).The weight of the new antenna is two times smaller!Low own capacity - no digital signal blurThe heater operates "purely resistive" - no additional matching circuits that reduce the antenna's efficiency."Selective" narrowband antenna - high attenuation of out-of-band signals (GSM, LTE and other nearby)

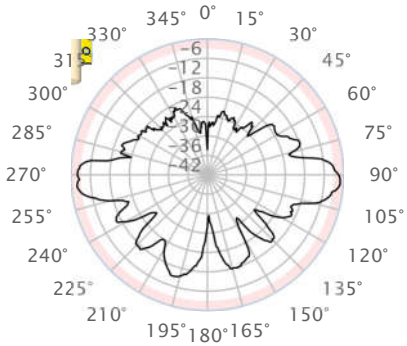
- Energy (wind, solar panels),
- Home intelligence
- Internet of things
- irrigation,
- telemetry,
- RF sensor networks
- tracking people and objects
- geolocation,
- employee safety.



RPE – HORIZONTAL



RPE – VERTICAL



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